

Special Issue

New Trend in Supramolecular Chemistry of Nucleobases

Message from the Guest Editor

The five natural nucleobases adenine, cytosine, guanine, thymine, and uracil participate in the self-assembly of DNA and RNA nucleic acids. As such, these nucleobases have been of great interest to researchers in a diverse range of fields. With the outbreak of research articles in the field of supramolecular chemistry and a better understanding of how molecules interact with each other, increased information has emerged on the complex supramolecular behavior of these nucleobases. The goal of this Special Issue is to focus on the most recent advances in the field of the supramolecular chemistry of nucleobases and their analogues. Theoretical and experimental contributions dealing with chemical modifications and structural characterizations, structure–activity relationships, mechanism of interaction with simple organic molecules and metals of nucleobases, and their simple aggregates or small clusters are welcome.

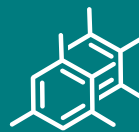
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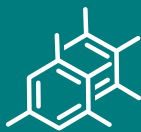


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As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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